

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206520019-6

BORSKA, Maria

The village of tomorrow in Soviet Russia. Bud wiejskie 14 no.2:
8-9 F '62.

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CIA-RDP86-00513R000206520019-6"

BORSKA, Maria

Three years of the Upper Silesian experiment. Przegl. budowl.
i bud. mieszk. 33 no.5: 316-317 Mv'61

BORSKAYA, Ye. A.

185T53

USSR/Engineering - Foundry, Equipment Feb 51

"Coloration of Core Mixtures," Ye. A. Borskaya,
Orgavtoprom

"Litey Proiz" No 2, p 30

Suggests coloration of mixts during mixing process, assigning definite color to each compn, thus facilitating control of core mass production when cores similar in appearance are made of different mixts. Examd several types of pigments. Bright aniline dyes gave best results.

185T53

Bonding composition for cores. B. A. Morokaya,
U.S.S.R. 102,450, Apr. 30, 1950. Audit. 70 U.S.S.R.
74,500. To hasten the polymerization of petrolatum and
decrease the drying time of the cores, 10-30% tall oil is
added to the oxidized petrolatum. M. Hesch

BORSKAYA, E. A.

①
Means for improving oil-less core binder. E. A. Bor-
skaya. Litelnoe Prizvandstvo 1953, No. 9, 21F-31. Con-
ventional core binders with a vegetable-oil base are presently
replaced with synthetic binders, one of them being a 1:1
soln. of oxidized petroleum in white spirits. It fully meets
all requirements for core binder and consists of carbonic
acids 5.83-38.27, oxyacids 4.00-29.6, unsaponifiable 1.54-
1.00, losses 1.07-1.10, and residue 87.5-39.97%. Its sapon.
no. is 121-150.3, acid no. 10.3-37.03, and dry strength 7.8-
10.7. Expts. directed towards increasing its strength by
adding oxyacids, which reduce the effect of nonsaponifiables,
showed that colophony, bitumen, etc. achieve this purpose.
Drying time and temp. were reduced to 30-40 min. and by
20-30% by adding to it pyronaphtha polymers, tall oil, shale
tar, colophony, etc., without lowering the strength of the
binder. J. D. Gat.

BORKAYA, E.A.

7
1-4E2c

18-18

15 Bonding composition for casting mold mix. E. A. Borkaya, A. I. Kostylev, A. I. Mordunov, and L. I. Slobodchikova. U.S.S.R. 105,087, Mar. 25, 1957. The bonding substance is made with condensation products of aldehydes with phenols, derived from the semicooking of shale or brown coal. To obtain a strength of not less than 30 kg./sq. cm., a sample compn. of the cementing substance contains phenols 100, 37% formalin 100, and 100% NH₃ 1.6 parts by wt. Another compn. is made of phenols 100-110, 37% formalin 68, and NaCl (sp. gr. 1.19) 0.6 part by wt. Still another is made of phenols 110, furfural 31, Ba(OH)₂ 2.2, 36% formalin 152, and H₂SO₄ (sp. gr. 1.84) 28 parts by wt. M. Morsch

R.M. Young

SOV/113-59-5-14/21

25(1)

AUTHOR: Borskaya, Ye.A.

TITLE: The Replacement of Oil Binders in Foundry Production

PERIODICAL: Avtomobil'naya promyshlennost', 1959, Nr 5, pp 35 - 36 (USSR)

ABSTRACT: In the automobile industry and in other branches of machine building efforts are being made for replacing binders containing vegetable oil by other binding agents for producing cores. Linseed oil is only used for comparative investigations in laboratories, but drying oil is still used for especially complicated or accurate parts. For a long time, binder 4GU, consisting of 40% vegetable oil and 20% colophony, was the only type used for cores in the automobile industry; its supply was centralized. The author reviews briefly existing replacements of binders, among them type C "Soyuzformlit'ye", type M, GTF, ZIS₂, ZIS₃, PS, Kt, KD, KB, SP, SB. The emulsion binder BK is produced and used at the Zavod

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SOV/113-59-5-14/21

The Replacement of Oil Binders in Foundry Production

stroitel'nykh materialov imeni Vojkova (Construction Material Plant imeni Vojko.). Binder P, PT and PTA, developed by NIITAVTOPROM on the basis of petroleum products, found the most wide-spread application in foundries of the automobile industry. It consists of equal amounts of petrolatum and a turpentine substitute. The disadvantages are the prolonged drying time, 90 minutes instead of 60 when using 4GU binder, and a 40% high consumption resulting in the development of a larger amount of gases. A number of other binders were developed on the basis of the binder P. Binder PT consists of binder P with a 30% addition of talloel. The author presents a graph indicating the strength increase depending on the amount of talloel added. The dry strength is increased by 3-4 kg/cm² while the drying time is reduced to 60 minutes. This binder is designed for use with cores of parts of second and first class. However, its supply is

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SOV/113-59-5-14/21

The Replacement of Oil Binders in Foundry Production

not centralized. In the further development of binding agents without oil, the PTA was created. It consists of P binder treated with ammonia and talloel. It has a high dry strength ($14\text{-}17 \text{ kg/cm}^2$). This binder may be used for second class and numerous first class cores. Binder PTA is being introduced at several plants. Figure 3 shows the arrangement of the equipment required for the production of PTA binders. The centralized production of this binding agent was organized at petroleum product plants in Gor'kiy and Rostov. There is 1 diagram, 2 graphs, 1 table and 4 Soviet references.

ASSOCIATION: NIITAvtoprom

Card 3/3

BORSKAYA, Ye.A.; KOBZева, Z.A.; KISELEVA, M.S.

New rod fastenings. Avt.prom. 29 no.3:46 Mr '63. (MIRA 16:3)

1. Nauchno-issledovatel'skiy tekhnologicheskiy institut avtomobil'noy
promyshlennosti.
(Fastenings)

BORSKI, Czeslaw

Problems of the technological press in the inquiry of the
Przeglad Techniczny. Przegl techn no.14:6 Ap '62.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206520019-6

BORSKI, Czeslaw

The international trade of technological literature - an
important factor for progress. Przegl techn no.40:3 50 '60.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206520019-6"

BORSKI, Czeslaw

Considering technological progress. Przegl techn no.17:1-3 Ap '62.

BORSKI, Cz., mgr

The Technical Periodicals Publishing House of the Chief Technical Organization has been the publisher and distributor of the technical press. Przegl techn no.40:7 70 '62.

1. Sekretarz Wydawnictwa Gzasopism Technicznych Naczelnnej Organizacji Technicznej, Warszawa.

BORSKI, Czeslaw

Exhibition of the Warsaw Polytechnic and technological progress.
Bud okretowa Warszawa 7 no.12:423 D '62.

BORSKI, Czeslaw

Views on the generalization of the technical press published by
the Chief Technical Organization. Przegl techn no.47:7 25 N
'62.

BORSKI, Cz.

Results of the Moscow visit of editors of the Polish technical press. Przegl tech 84 no.22;10 2 Je '63.

Rydzek, Leszek, age.

A Miecznikowski as engineer, inventor, writer in engineering
and his work. Tragedy March 23 no. 14-413 - 75 JU '64

BORSKI, Czeslaw, mgr

Technical periodicals of the Central Technical Organization in
active contact with foreign countries. Przegl techn 85 no.2:
9 12 Ja '64.

BORSKI, Czeslaw, mgr

Useful work of the Center for the Propagation of Science and
Technology in Moscow. Przegl techn 85 no.3:9 19 Ja '64.

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CIA-RDP86-00513R000206520019-6

BORSKI, Czeslaw, mg.

Congress of inventors and rationalizers in mining. Przegl
techn 85 no.7&10 16 F'64.

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CIA-RDP86-00513R000206520019-6

BORSKI, Czeslaw, mgr

Balance of the 9th International Book Fair. Przegl
techn 85 no. 24:8 14 Je '64.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206520019-6"

BORSKI, Czeslaw, mgr

The Center of French Scientific Technical Documentation carries
on its activities. Przegl techn 85 no.37:6 13 S '64.

BORSKI, Czeslaw, mgr

Workers of the Technical Periodicals Publishing House of
the Central Technical Organization visiting the "Swoostroenie"
Publishing Agency. Bud okretowe Warszawa 9 no.12:447 D '64.

BORSKIY, B.

Device for lifting and turning over passenger cars. Avt.
transp. 33 no.5:35 My '55. (MLRA 8:8)

1. Glavnnyy inzhener avtobazy Khosyaystvennogo upravleniya
Ministerstva stroitel'stva SSSR.
(Automobiles--Repairing)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206520019-6

BORSKIV, B., inzh; ZAV'YALOV, S., inzh.

Conveyor with an automatic control drive. Avt.transp. 41 no.1:
18-20 Ja '63. (MIRA 16:2)
(Conveying machinery)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206520019-6"

BORSKIY, Boris Aleksandrovich; ZAV'YALOV, Serafim Niko. [et al.]
GRINBERG, P.I., red.

[Continuous lines for the maintenance of automobiles] Tekhnicheskoe
obsluzhivanie avtomobilei na konvekse. Moscow,
Transport, 1964. 82 p. (MTR 17:7)

CHERTKO, V.F.; IOFFE, Ya.A.; OBOLENSKIY, K.P.; KRYLOV, P.N.; KUDROV, V.M.; SAM-BORSKIY, G.I.; KOSTAKOV, V.G.; LITVYAKOV, P.P.; MUROMTSEV, M.N.; BERRI, L.Ya.; YAKOBI, A.A.; BELOUSOV, R.A.; BOGOMOLOV, O.T.; POKATAYEV, Yu.N.; ZAGLADINA, S.M.; SOBAKINSKIIH, V.I.; NIKOLAYEV, D.N., red.; PONOMAREVA, A.A., tekhn. red.

[United States is loosing the economic competition] SShA proigryvaiut ekonomicheskoe sоревнование. Moskva, Izd-vo ekon. lit-ry, 1961.
295 p. (MIRA 14:8)

1. Moscow. Nauchno-issledovatel'skiy ekonomicheskiy institut. 2. Sotrudniki Nauchno-issledovatel'skogo ekonomicheskogo instituta Goskonfessoveta SSSR (for all except : Nikolayev, Ponomareva)
(United States--Economic conditions)
(Russia--Economic conditions)

BORSKIY, S.

26020 Borskiy, S. Nauchnaya Konfentsiya APN po Oshchedemicheskoy Terre
"Nauchnyye Osnovy Obucheniya Gramote (Bukuar')". (May 1948 G.) Nach. Shkola,
1948, No.7, S. 45-46.

SO: Letopis' Zhurnal Statey, №. 30, Moscow, 1948.

BORSKY, E.

Unfair competition and trade-marks. p. 40.

(Sbírka Ochranných Známek A Chránených Vzorů. Vol. 7, no. 2, Feb./Mar, 1957. Praha,
Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

BORSKY, E.

Is geographical data covered by the legal protection of a trade-mark? p. 11.

OCHRANNE ZNAMKY, CHRANENE VZORY. (Urad pro patenty a vynalezy) Praha,
Czechoslovakia, Vol. 1, no. 1, July 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 9, no. 2,
Feb. 1960

Uncl.

BORSKY, Imrich; HUBAC, Miloslav; STRELKA, Frantisek

Effect of statistical and dynamics loads on some physiological functions of the body. Part 1. Prac lek. 7 no.8:345-350 0' 65

1. Vyskumny ustav hygiény prace a chorob z povolania v Bratislave (riaditeľ - prof. dr. M. Nosál).

BORSKY, I.; HAJZOKOVA, M.; HUBAC, M.

Changes in certain hematoc values in the inhabitants of Visuta
Lanovka in the Tatranska Lomnica. Cesk. fysiolog. 8 no.5:393-394
S '59

1. Ustav hygiény prace a chorob v povolania, Bratislava.
(ALTITUDE, eff.)
(BLOOD, chem.)

Borsky, I., Trnovec, T., Simko, V.

Influence of sodium bromide on the blood-sugar level. p. 534.

HIOLOGIA, Bratislava, Czechoslovakia, Vol. 14, no. 7, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 10, Oct, 1959.
Uncle.

HURAC, M.;BORSKY, I.;STRELKA, F.

Calorie requirement in workers using motor hole-diggers. Cesk.
fysiol. 9 no.1:17-18 Ja 60.

1. Ustav hygiényy prace a chorob z povolania, Bratislava.
(NUTRITION)

BORSKY, I.; HAJZOKOVA, M.; HUBAC, M.

Changes of certain blood values in workers of the cable car system
in Tatranska Lomnica. Pracovni lek. 12 no. 8:426-430 0'60.

1. Ustav hygiény prace a chorob z povolania v Bratislave, riaditeľ
MUDr. I. Klucík.

(BLOOD)

(ALTITUDE)

BORSKY, I.; HUBAC, M.; STRELKA, F.

Establishment of physiological data for the determination of efficiency standards in work with motor boring machines. Pracovni lek.12 no.10:520-523 D '60.

1. Ustav hygiény prace a chorob z povolania v Bratislave, riaditeľ MUDr. I. Klucík.
(OCCUPATIONS AND PROFESSIONS)

STREIKA, F.; HUBAC, M.; BORSKY, I.

Calory requirement in men transporting various types of power
sews. Pracovni lek.13 no.1:15-17 F '61.

1. Ustav hygiény prace a chorob z povolania v Bratislave,
riaditeľ MUDr. I. Klucík.
(EXERTION)

TIHELKOVA, D.; CHMELAR, J.; BORSKY, I.; SUCHY, J.

General evaluation of tested machines with special regard to physiology, hygiene and work safety. Pracovni lek. 13 no.7:348-353 S '61.

1. Ustav hygieny prace a choreb z povolani, Praha, reditel prof. dr. J. Teisinger Ustav hygieny prace a choreb z povolani, Bratislava, riaditeľ MUDr. I. Klucík Statni skusebni stanice zemedelskych stroju, Praha-Repy, prednosta inz. J. Dvorak.

(AGRICULTURE) (INDUSTRIAL MEDICINE)
(HUMAN ENGINEERING)

STRELKA, F.; HUBAC, M.; BORSKY, I.; Technicka spolupraca ~~TUTOR~~, A.;
ZOHORSKY, J.; KOVSEBA, R.

The expenditure of energy in manual and mechanical bark stripping
operation. Prac. lek. 13 no.8/9:423-426 N '61.

1. Ustav hygieny prace a chorob s povolania v Bratislave, riaditeľ
MUDr. I. Klucik.

(EXERTION)

HUBAC, M.; BORSKY, I.

The phenomenon of "supersystolic tonus" in the measurement of blood pressure by the auscultation method. Bratisl. Lek. Listy 42 no.2: 685-690 '62.

1. Z Ustav hygieny prace a chorob z povolania v Bratislave, riaditeľ
MUDr. I. Klucik.

(BLOOD PRESSURE) (AUSCULTATION)

HUBAC, Miloslav, MUDr., CSc.; BORSKY, Imrich, promovany lekar;
STRELKA, Frantisek, promovany pedagog; STAREK, Eduard, inz.

Physiological analysis of the work with motor-driven hole
diggers. Les cas 9 no. 11: 1035-1048 N '63.

1. Ustav hygieny prace a chorob z povolani, Bratislava;
Vyskumny ustav lesneho hospodarstva, Banska Stiavnica,
Vyskumna stanica Oravsky Podzamok.

BORSKY, Imrich; HUBAC, Miloslav; Technicka spolupraca: NOVOMESKA, Zuzana

Change in the eosinophil count in the peripheral blood following static and dynamic work loads. Prac. lek. 16 no.5:193-197 Jl '64,

1. Ustav hygiény prace a chorob z povolania v Bratislave (riaditeľ prof. dr. M. Nosál).

CZECHOSLOVAKIA

UDC 612.766.1:616.153(:577.15.084).

KRAMPL, Vaclav; HUBAC, Miloslav; BORSKY, Imrich; Research Institute for Work Hygiene and Occupational Diseases (Vyskumnny Ustav Hygieny Prace a Chorob z Povolania), Bratislava, Director (Riaditel) Prof Dr M. NOSAL.

"Activity Changes of the Serum-Enzyme after a Physical Load."

Prague, Pracovni Lekarstvi, Vol 18, No 4, May 66, pp 150-153

Abstract /Authors' English summary modified/: Activity of glutamо-oxaloacetic- glutamo-pyruvic transaminase and alanolase in the serum was investigated experimentally after a physical dynamic or static load. Immediately after the physical work the activity increased significantly, the increase being about the same, whatever the load. After a greater load the peak was reached in the 5th minute of recovery period. In the 5th recovery minute a significant difference of enzyme activity was observed after a small and a large physical load. An increased expenditure of serum enzymes from the muscle-cell to the blood occurs after work connected with relative muscle hypoxia. 1 Figure, 1 Table, 10 Western, 5 Czech references. (Manuscript received 18 May 65).

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CZECHOSLOVAKIA UAC 612 J66 1-612-16-612-22
BORSKY, Emrich; HUBAC, Miloslav; Research Institute for Work
Hygiene and Occupational Diseases (Vyskumny Ustav Hygieny Prace
a Chorob z Povolania), Bratislava, Director (Riaditel) Prof Dr
M. NOSAL.

"The Effect of Static and Dynamic Load on Some Physiological
Functions of the Organism. Part II. Changes in the Pulse Rate
and their Relationship to the Changes in Respiration."

Prague, Pracovni Lekarstvi, Vol 18, No 5, Jun 66, pp 206 - 211

Abstract [Authors' English summary modified]: Pulse rate and
respiration changes were investigated in men aged 20-24 in a 5
minute period of work followed by 13 minutes of rest. The pulse
rate increased in the first 2-3 minutes, and then remained steady,
until the 4-5th minute when it increased again. The increase in
the load increases the pulse rate; low loads cause small increases.
The nature of the load, and the position of the worker have a
great importance on the reaction of the body. 4 Figures, 1
Table, 6 Western, 2 Czech, 3 Russian references. (Ms. rec. 8 Jul
1/1 65).

CZECHOSLOVAKIA

UDC 612.776.1:(616.153.772.3:616.153.484.2)-

KRAMPL, Vaclav; BORSKY, Imrich, HUBAC, Miloslav; Research Institute of Work Hygiene and Occupational Diseases (Vyskumnny Ustav Hygieny Prace a Chorob z Povolania), Bratislava, Director (Riaditel) Prof Dr M. NOSAL.

"Changes in Blood Levels of Lactic and Pyruvic Acid During Static and Dynamic Loads."

Prague, Pracovni Lekarstvi, Vol 18, No 3, Apr 66, pp 108-111

Abstract [Authors' English summary modified]: Changes of lactic and pyruvic acid levels were investigated in 14 men aged 20-24. Lactic acid level, and the lactate/pyruvate ratio can be used as a criterion of the static load as far as oxygen consumption is concerned. With oxygen consumption of 0.1-0.6 l/min the lactic acid level was 12-35 mg%; the same level corresponds to a dynamic load value of 0.4-1.3 l/min. Pyruvate levels do not show differences caused by discrepancy between static and dynamic loads. Increase in oxygen consumption does not increase the pyruvic acid level. 2 Figures, 5 Western, 5 Czech references. (Ms. rec. 18 May 65).

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- 23 -

DORSKY, J.

Example of parallel operation of turbines. p. 337.

ENERGETIKA. (Ministerstvo energetiky a Ceskoslovenska vedecka technicka spolecnost pro energetiku pri Ceskoslovenska akademii ved) Praha, Czechoslovakia. Vol. 9, no. 7, July 1959.

Monthly list of East European Accessions (EEAI) LC, vol. 9, no. 1, Jan. 1960.

Uncl.

BORSKY, Jiri, inz.

Work of the heat engineer in a steam power station. Energetika Cz
13 no.3:139-141 Mr '63.

1. Organizace pro racionalizaci energetickych zavodu, Praha.

BORSKY, Jiri, inz.; IBLER, inz.; PILAR, inz.

Standards of power consumption in steam power stations. Energetika
Cz 13 no.5:276-278 My '63.

BORSKY, Jiri, inz.

Economy of public steam power plants in the years 1955-1963. Energetika Cz 14 no.9:430-433 S '64.

l. Organization for Rationalization of Power Engineering Plants National Enterprise, Prague.

BORSKY, Jiri, inz.; SINECKA, Lidmila

Economy of steam power stations in the first years of operation.
Energetika Cz 15 no.2:70-72 F '65.

l. Organization for Rationalization of Power Engineering Plants,
National Enterprise, Prague.

L 43641-66 R0

ACC NR: AT6032349

SOURCE CODE: HU/2505/65/027/001/0065/0080

AUTHOR: Borsy, Jozsef; Toldy, Lajos; Dumbovich, Boris

ORG: Research Institute of the Pharmaceutical Industry, Budapest (Gyogyszeripari Kutato Intezet)

TITLE: Neuroplegic and other pharmacological properties of methophenazine (frenolon)

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 27, no. 1, 1965, 65-80

TOPIC TAGS: pharmacology, nervous system drug, rat

ABSTRACT: When administered orally or parenterally, the neuroplegic effects of methophenazine are 3-6 times as strong as those of chlorpromazine in regard to the inhibition of orientation and conditioned reflexes, cataleptogenic action, inhibition of amphetamine toxicity and inhibition of the central stimulating effect of amphetamine. It potentiates the analgesic action of morphine. Similarly to perphenazine and thio- propazate, it has a weaker hypothermic action than chlorpromazine in barbiturate anesthesia of rats. Its acute toxicity is considerably lower than that of the other three compounds mentioned. No detectable macroscopic or histological changes were produced after subacute and chronic use in rats and dogs. The results indicate that incorporation of the trimethoxyphenyl group into the perphenazine molecule did not change its phenothiazine character. As opposed to reserpine, methophenazine is a potent

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ACC NR: AT6032349

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adrenolytic and serotoninolytic agent. Several years of clinical trials support the pharmacological findings that it is a more effective, less toxic neuroleptic drug than chlorpromazine with less side effects. The authors thank Doctor F. Karsag and Doctor A. Szeky for cooperation in the investigations concerning chronic toxicity and the histological studies. Further thanks are given to Mrs. Zs. Anheuer, Mrs. K. E. Mariassy and Zs. Csizmadia for technical assistance. Orig. art. has: 3 figures and 9 tables. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUBM DATE: 28Mar64 / ORIG REF: 007 / OTH REF: 016

LS
Card 2/2

STIRSKY, Pavel; SAFRANEK, Alois; BORSKY, Milan; KNIZE, Stanislav

Dynamic characteristics of the A 1 steam generator elements.
Jaderna energie 10 no. 5:172-173 My '64.

1. Research Institute of Power Engineering, Prague.

STIRSKY, Pavel; KUKLIK, Bohuslav; BORSKY, Milan

Determination of the thermal shock in the primary pipeline
of the A 1 nuclear power station. Jaderna energie 10 no. 5:
171 My '64.

Calculation of the optimum thickness of the main gas pipe lining
of the A 1 nuclear power station. Ibid.:171-172

1. Research Institute of Power Engineering, Prague.

39604
S/194/62/000/004/002/105
D222/D309

97200

AUTHOR: Borský, Vladimír

TITLE: Nonlinear circuit (patent)

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,
no. 4, 1962, abstract 4-1-36d (Chekhosl. pat., kl.42m,
14; 21e, 28/01, no. 97441, 15.11.60)

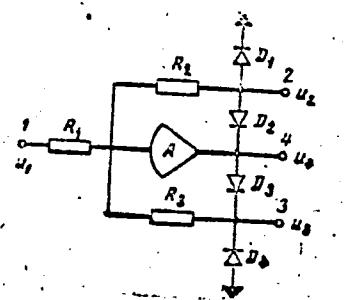
TEXT: A nonlinear electric circuit for analog computers is patented. The circuit (see Fig.) is constructed in the form of a combined divider, consisting of resistors and germanium diodes, and containing an amplifier A and an input resistor R_1 . When a constant voltage U_1 is applied to the input 1, the output voltages at 2(U_2) and 3(U_3) vary as follows: 1) $U_2 = 0$ when $U_1 < 0$ and $U_2 = U_1$ when $U_1 > 0$; 2) $U_3 = -U_1$ when $U_1 < 0$ and $U_3 = 0$ when $U_1 > 0$. A suitable broken-line characteristic for the voltages U_2 and U_3 is achieved

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Nonlinear circuit

S/194/62/000/004/002/105
D222/D309

when the following conditions are fulfilled: $R_1 = R_2 = R_3$. The discontinuity point can be shifted by using a bias voltage. 3 figures.
[Abstracter's note: Complete translation.]



Card 2/2

S/194/62/000/008/029/100
D201/D308

97300

AUTHOR: Borský, Vladimír

TITLE: Simulation of typical non-linearities

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,
no. 8, 1962, abstract 8-2-145 ye (Souhrn prací o auto-
mat., 1959, Prague, 1961, 441-446 [Czech.; summary in
Eng.])

TEXT: Analogs of two typical non-linearities as encountered in
various electronic computers are described: the exact analog of the
circuit for valve characteristics is realized by one amplifier and
a semiconductor diode. The analog of the backlash in gear transmis-
sions utilizes 2 amplifiers and 8 semiconductor diodes. Examples
of simulation of systems containing the above non-linearities are
given. 2 references. [Abstracter's note: Complete translation.]

VL

Card 1/1

BORSKY, Vladimir, inz. (Pardubice)

Analogue computers and their use in engineering. Tech praca 14,
no.8:591-594 Ag '62..

BORSODI, Janos

The 1962 work and the 1963 plans of the Szeged Railway
Directorate. Vasut 13 no.5:6-7 My '63.

1. Szegedi Vasutigazgatosag vezetoje.

BORSODI, L. 1948

(Az Orszagos Tardalombiztosito Intezet Koltai Anna Baleseti Korhazanak)

"Anticoagulants."

Orvosok Lapja, 1948, 4/14(41-47)
Abst: Exc. Med. 11, Vol. 11, No. 1, p. 56

BORSODI, L.
(3516)

Ist Pediatric Dept. of Budapest University Absorption and excretion of potassium Paediatrica Danubiana 1948, 4/4 (190-195) Tables I

Experiments were made on 26 healthy children. The potassium level of serum and urine was determined before and after the administration of (a) potassium, (b) potassium + sodium, (c) potassium + sodium + glucose, (d) desoxycorticosterone acetate (DOCA), (e) DOCA + potassium by the method of Kramer and Tisdall. From these and the creatinine clearance, the rate of tubular absorption of potassium was calculated. Administration of potassium (0.25 g. KCl orally) was followed by potassium retention; tubular absorption increased. The influence of sodium on the absorption of potassium was insignificant. Glucose increased the tubular absorption of potassium. DOCA alone caused mobilization of endogenous potassium (the level of serum potassium increased), but the urinary potassium decreased below the normal fasting values in the majority of cases. Simultaneous administration of DOCA and potassium did not give rise to increased potassium excretion on healthy children.

Desztyus - Debrecen

So: Excerpta Medica, Vol. II, No 7, Sec. II, July 1949

BORSODI, L.
(3503)

Koltoi-Anna Krankenhaus, Budapest. Die Wirkung des Toluidinblaus und der Thrombokinase auf den Vorgang der Thrombinaktivierung The effect of toluidine blue and thromboplastin upon inactivation of thrombin Experientia 1948, 4/10 (402-403) Graphs 2

It is shown that toluidine blue and thromboplastin strongly reduce the thrombin-inactivating power of heparin in vitro.

Grandjean - Copenhagen

So: Excerpta Medica, Vol. II, No 7, Sec. II, July 1949

BORSODI, L. 1948

(Laboratorium des Anna-Koloti-Krankenhauses, Budapest)

"Coagulation-Inhibiting Substances in the Blood. Contribution on the Problems of Thrombosis."

Schweiz. Med. Woch. 1948, 78/43(1069-1073)
Abst: Exc. Med.11, Vol. 11, No. 5, p. 631

C.A.

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Blood-coagulation factors and ion concentration of contents of vesicles from burning. Gyorgy Frank and László Borsodij. *Oncol. Hetilap* 90, 302-1 (1949).—Analyses showed total protein 2.4-4.8%, albumin-globulin ratio 3.1-4.2, thrombokinase 0.0, prothrombin 10-30 mg. %, fibrinogen 72-120 mg. %, heparin lower than normal, Ca 18-27, K 10.8-30.0, Na 470-580, NaCl 580-940, and Cl 610-830 mg. %. A linear correlation existed between fibrinogen, prothrombin, and heparin contents. The changes of blood-coagulation factors or electrolytes showed no correlation to severity of burning or to the period elapsed since the burning. The contents of vesicles could be coagulated by local application of thrombin solns. I. P.

GOTTI, E.; BENCZE, E.; BORSODI, L.; LENGYEL, L.

Studies on the role of anterior pituitary gland in protein metabolism. Zschr. Vitamin & Forsch. 6 no.4-5:269-86 1954.
(CML 28:1)

1. Of the Internal Department of Karit Hospital in Budapest.

BORSODI, LORAND

"Műanyagok és építő- és szerelőiparban, a Mérnökügyi Intézet és az Anyagtakarékkossagi Gazdasági Iroda előadásai alapján. (Budapest) Nepszava (1953) 120 p. (Plastics building and fitting industry)

SOL East European, L. C. Vol. 2, No. 12, Dec. 1953

BORSODI, L.

Synthetic coating and adhesive materials used in telecommunication technique; also, remarks by L. Jenoi and others. p.69. (Kozlemenyel, Budapest. Vol. 20, no. 1/2, 1956.)

SO: Monthly List of East European Accessions (EEAL) IC., Vol. 6, no. 7, July 1957. Uncl.

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CA

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Production of alcohols from olefins. László Horváth,
Mátyás Kónyi, Lajos S. Szűcs (1959). Discussion of modern
large-scale manufg. methods. István Finály

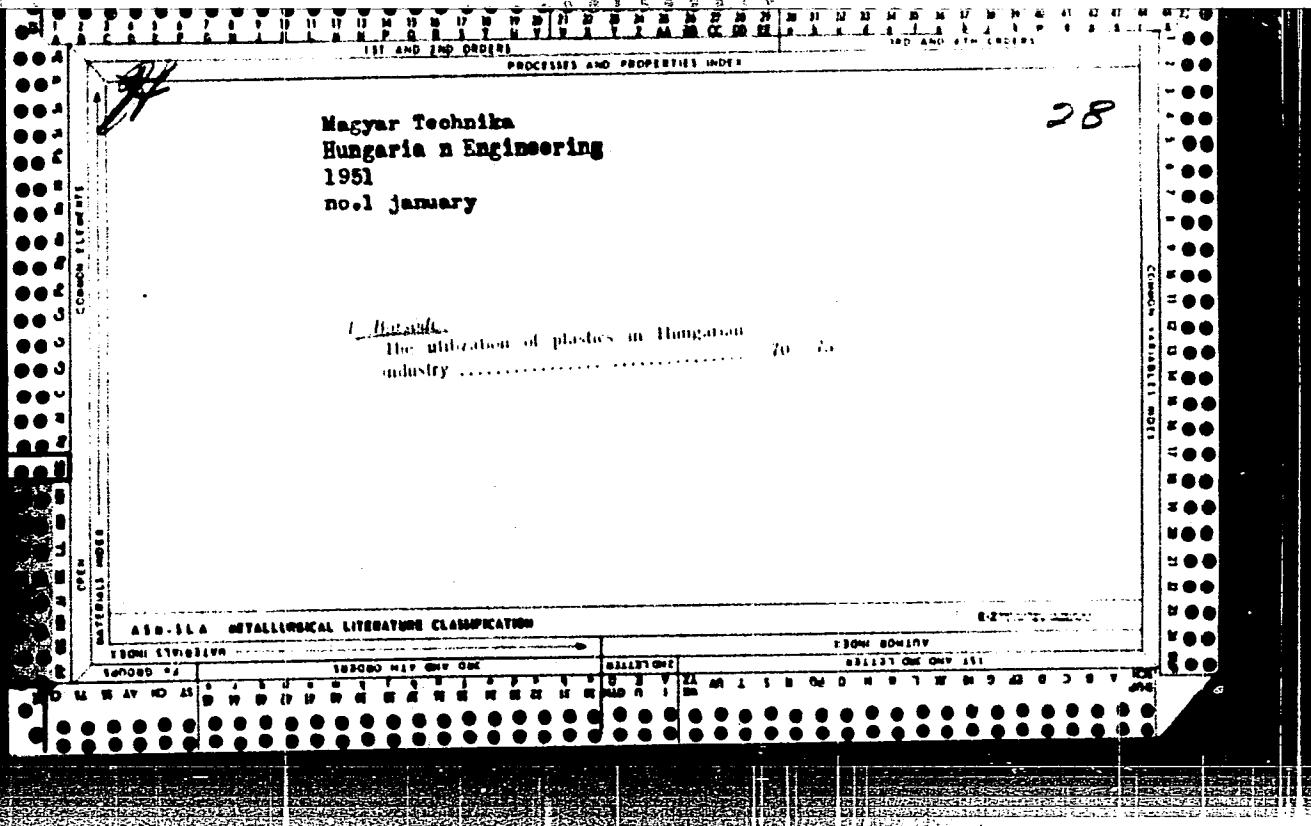
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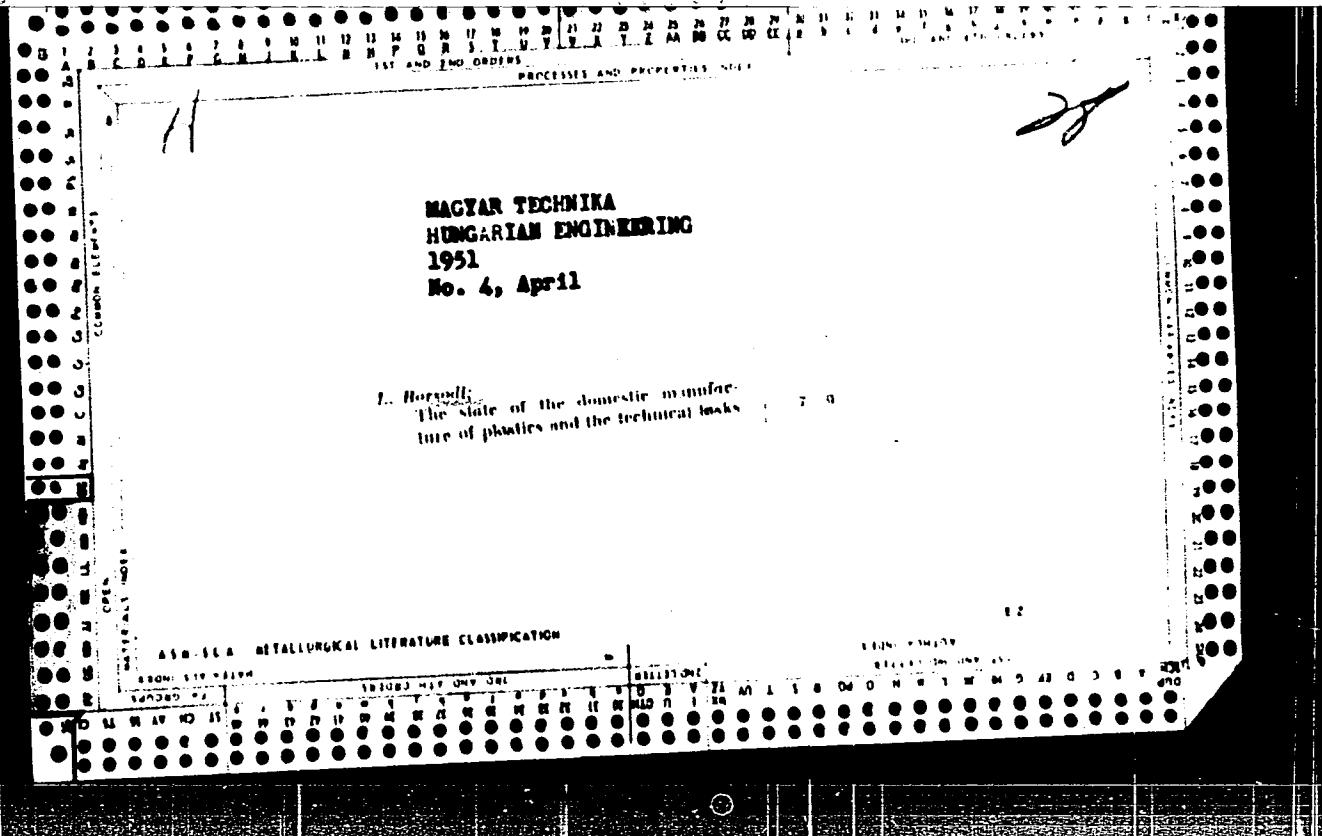
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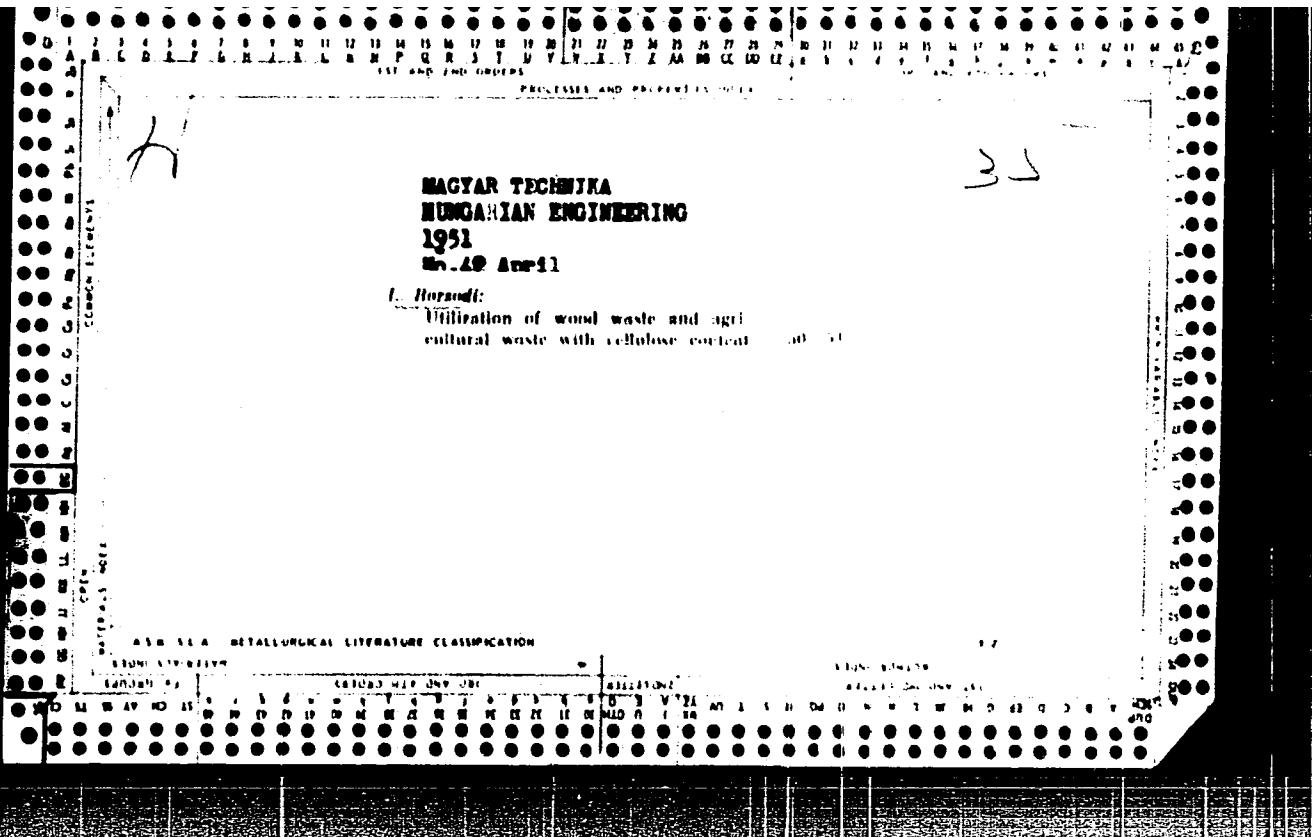
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Production and utilization of furfural. László Horváth
Magyar Kém. Lapja 6, 47-50 (1951).—Possibilities for
producing furfural from agricultural wastes, such as husks
of sunflower seeds or residues from the manuf. of pulp from
reeds, are discussed.
István Finkly





L. BORSOJ
and temperature of molding. It is essential that during the molding process
the material receives the required quantity of heat in order to terminate
condensation. The introduction of high-frequency preheating of the powder
is of utmost importance. With adequate organization, a single high-frequency
preheating apparatus can accommodate several molds.



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BORSOD LÓRÁNT

HUNG.

Borsodi Lóránt, and Nagy, Imre. A Műszálak és feldolgozásuk. Budapest: Népszava, 1932. 99 pp.

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Artificial Fibre and Its Processing

APPROVED FOR RELEASE: 06/09/2000

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H U N G

Use of glass instead of acid-resisting steel and lead in places exposed to chemical corrosion. *Lokshin (Inventor). Mayak Tech., 7 [1/2] 49-53 (1952); abstracted in Chem. Eng., 126 [2] 429 (1953).* — The properties and advantages of glass for chemical resistance, limits of its applicability, and cost of maintenance are discussed.

M.H.A.

Distr: 4M4j/4E2c(1) ✓
1028. Stabilization of polyethylene. L. HEGEDUS.
Magyar Kémiai Lapja, 1955, 10, No. 2, 187-92;
Referat ZA, Káta, 1957, No. 14, abs. 49453. For
heat stabilisation of polyethylenes of molecular
weight 20,000, and of blends of this with polyiso-
butylene, the following have been found effective:
diphenyl amine; a mixture of sulphur with mercapto-
benzothiophene; propyl gallate; aldol- α -naphthyl-
amine; aldal aniline; and phenyl- β -naphthylamine;
salicylaldoxime, 0.2 to 1.5%. The stabilized poly-
ethylene after 200 h at 105°C suffered a loss of tan
δ 13 times less than the unstabilized product. The
most effective stabilizers for polyethylene were
mixtures of diphenyl amine and salicylaldoxime
(0.5% 1:1) and of diphenylamine and propyl gallate
(0.5% 1:1). Polyethylene stabilized by these
mixes showed a value of tan δ after 200 h at 105°
20 to 25 times lower than the unstabilized product.
Even after 400 h tan δ was 10 to 13 times less with
the stabilized polyethylene than after 200 h with
the unstabilized. With a stabilised polyethylene/
polyisobutylene blend after 200 h at 105°, and an
unstabilised blend the ultimate tensile strengths
were 60 and 25 kg/cm², and the elongation at
break 260 and 180%, respectively.

22 May
22

182D24-542(15)77-0

BORSODY, L.

TECHNOLOGY

PERIODICAL: ELELMEZESI IPAR. Vol. 12, no. 10, Oct. 1958

Borsody, L. New processing machines made of synthetic materials in the food industry.
p. 306.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

BORSODY, L.

New plastic materials and processing methods at the International Plastics
Exhibition in London. p. 311.

ELEMÉZÉSI IPAR (Mezogazdasági és Elektromosipari Tudományos Szövetség.)
Budapest, Magyar. Vol 13, no. 10, Oct. 1959.

Monthly list of East European Acquisitions (EAA) LD, vol. 9, no. 1, Jan. 1960
Uncl.

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Some problems of organizing internal conveying; graphical representation of conveying, moving merchandises by pallets.
Elelm ipar 15 no.2:46-54 F '61.

1. Kelmezesugyi Miniszterium.

GULYAS, Bela; BORSODY, Laszlo; SOMOGYI, Lajos; KAHLESSZ, Bela

Storage and material handling in the food industry. Elelm ipar
17 no.8:239-248 Ag '63.

1. Elelmezesugyi Miniszterium (for Gulyas). 2. Elelmezesugyi
Miniszterium Muszaki Foosztalya (for Borsody). 3. Elelmezesipari
Szolgaltato Troszt (for Somogyi). 4. Elelmezesipari Tervezo
Vallalat (for Kahlesz).

BORSODY, Laszlo

New plastics and processing methods at the London International
Plastics Exhibition. Elelm ipar 13 no.10:311-317 0 '59.

1. Elelmezesugyi Miniszterium Muszaki Foosztalya.

BORSODY, Laszlo; VERZAR, Gyula, dr.

Economic and technical problems relating to the material conveyance in the food industry. Elelm ipar 17 no.11:332-338 N'63.

1. Elelmezesugyi Miniszterium (for Borsody). 2. Malomszerelo es Gepgyarto Vallalat (for Verzar).

BORSODY, Laszlo

Forming plastic sheets by means of a vacuum device. Gepgyartastehn 1
no. 38115-119 Je '61.

1. Elelmezesugyi Miniszterium.

BORSODY, Miklos

Large-scale grape growing on small parcels. Elet tud 16
no.25:791-~~794~~ 18 Je '61.

1. Izsaki Allami Gazdasag igazgatoja.

BORSODY, Laszlo

Modeling the mechanization of material handling in the food industry. Elelm ipar 18 no.7:208-211 Jl '64.

1. Ministry of Food, Budapest.

BORSOKBAYEV, S., uchitel'

Work of students of grades 5-7 in fields of the collective farm.
Biol. v shkole no.4:53-55 Jl-Ag '59. (MTRA 12:11)

1. Cholpon-Atinskaya srednyaya shkola imeni Kirova Issyk-Kul'skoy
oblasti Kirgizskoy SSR.
(Agriculture--Study and teaching)

BORSOS, Dezsöne, Dr.

Epidemiological state and activities of our clinic during 10 years
(1947-1956). Tuberkulosis 11 no.1-2:33-40 Jan-Feb 58.

1. A Kaposvari megyei Tbc. Gondozó Intézet (vezető: Szundy Aladár
dr.) közleménye.
(TUBERCULOSIS, epidemiol.
in Hungary, statist. (Hun))

BOKROS, J.

Meteorological Abst.
Vol. 5 No. 1
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Part 1
Climatology and
Bioclimatology

5.1-265
Borsos, László, Adatok Korea éghajlatához. [Data on the climate of Korea.] Idbjárds, 55(7/8):197-198, July/Aug. 1951. table. DLC—Monthly means (for the period 1921-1930) of pressure, temperature and precipitation are tabulated for the Korean seaport cities Josin (40°40' N; 129°12'E) and Jinsen (37°29'N; 126°38'E) and compared with corresponding data for Budapest (1901-1930). It is found that winter months are considerably colder in Korea than in Hungary. The annual precipitation of Korea (most of it occurring in summer) exceeds that of Hungary by 50-100%. A typical feature of Korean climate is abundant dew produced by the proximity of the ocean and strong cooling at night. Subject Headings: 1. Climate of Korea 2. Climatic analogs 3. Korea 4. Budapest, Hungary.—G.T.

① geo

✓ 5.2-110

Boros, Izrael. Ciklon-antikiklon pályai április és október között. [Types of cyclone and anticyclonic paths and their frequencies]. *Izobárás*, 56(9/10):279-284, Sept./Oct. 1952. 11 fig., 2 refs. Russian and French summaries p. 326. DDC—Following Matanovskii's method, kinetic charts are drawn up twice a month at the Long Range Forecast Section of the Hungarian Meteorological Institute. These maps show the origin, path, intensity variations and angular variations of cyclones and anticyclones which passed over Europe during the preceding half month. The author explains the symbols he developed for such maps. From Matanovskii's 13 types of circulation the author selects 8 types applicable to Europe and computes the frequency of each of these types from 18 years' data. The correlation between frequency and duration is also discussed. (b) and (d) 1. Cyclones 2. Anticyclones
3. Atmospheric circulation 4. Cyclone tracks. —G.T.

551.515.1.651.515.7.551.513

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BORSOS, J.

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p. 321. INOJMAS. Budapest. Vol. 59, no. 6, Nov./Dec. 1956.

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6 June 1956

BORSOS, J.

Problems of water supply and canalization in Vienna. p. 459.

MELYEPITESTUDOMANYI SZEMLE. (Kozlekedes- es Kozlekedesepitestudomanyi Egyesulet) Budapest, Hungary. Vol. 9, no. 10, Oct. 1959.

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Uncl.

BORSOS, József, dr.

Refuse disposal plant is being built in Vienna. Epites szemle
5 no.8: 253 '61.

GERLE, Gyorgy, dr., a műszaki tudományok kandidátusa; BORSOS, József, dr., a műszaki tudományok kandidátusa; KADAS, Kálmán, dr., a műszaki tudományok kandidátusa

Debate on Dr. Gyorgy Gerle's dissertation for candidacy entitled "Role of economic factors in regional planning." Epites kozleked
tud kozl 7 no.3:353-368 '63.

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BORSOS, Jozsef, dr., a muszaki tudomanyek kandidatusa, egyetemi tanar

Transport civil engineering in Vienna. Kozl. tud sz 13
no.6:276-282 Je '63.

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SZABO, Dezso, dr.; CSANADI, Gyorgy, dr.; SARLOS, Istvan; KADAS, Kalman, dr.,
kandidatus; GYULAI, Geza; VILMOS, Endre, dr.; MAGY, Rudolf, főgernok
KOLLER, Sandor, adjunktus; TURANYI, Istvan, dr., tanszékvezető egye-
temi tanár; BENYEI, Andras, dr.; BARANSZKY JOB, Imre; BORSOS, Jozsef,
dr., egyetemi tanár; HEGYI, Kalman

The 5th Conference on City Transportation. Epites kozleked tud
kozl 7 no.3:341-346 '63.

1. Committee of Highway and City Transportation, Hungarian Academy
of Sciences, Budapest (for Csanadi). 2. Executive Commission, Capital
City Council, Budapest (for Sarlos). 3. Faculty of Transportation
Engineering, Technical University of Building and Transportation,
Budapest (for Kadas). 4. Head, Directorate of Transportation, Executive
Commission, Capital City Council, Budapest (for Gyulai). 5. Techni-
cal University of Building and Transportation, Budapest (for Vilmos
and Turanyi). 6. Directorate of Transportation, Executive Commission,
Capital City Council, Budapest (for Rudolf Nagy). 7. Chair of Road
Construction, Technical University of Building and Transportation,
Budapest (for Koller). 8. Research Group of Transportation, Hungarian
Academy of Sciences, Budapest (for Benyei). 9. National Committee on
Technical Development, Budapest (for Baranszky Job). 10. Road and
Railroad Planning Enterprise, Budapest (for Hegyi).

BORSOS, János

Adult education and training of skilled workers in the iron industry. Munka 14 no.10:22-23 O '64.

1. Head, Cultural Division, Trade Union of Iron and Metal Industry Workers, Budapest.

BORGOS, Jozsef, dr., a muzaki tudomanyok kandidatusa, egyetemi tanar;

Relationship of water supply plants of settlements with the settlement
and industry development. Vizugyi kozl no.1:86-104 '64.

1. Technical University of Building and Transportation, Budapest.

BORSOS, Laszlo, Dr.

Surgery of the newborn. Orv. hetil. 99 no.11:367-369 16 Mar 58.

1. A Budapesti Peterfy Sandor-utcai Korhaz-rendelointezet (igazgato:
Galoosy Gyorgy dr.) Gyermeksebeszet Osztalyanak (vezeto: Borsos Laszlo
~~dr. sebeszfoamnes~~) kozlamanya
(INFANT, NEWBORN, surg.
(Hun))

BORSOS, László, dr.

On the surgical use of elastic suture material. Magy Sebesz, 15 no.1:
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